

## CLAIMS

1. A flow cell in which a particle monitoring area is formed within the flow cell by irradiating with light, and light scattered by particles contained in sample fluid  
5 passing through the particle monitoring area is condensed by a condenser means so as to obtain information including a particle diameter, wherein inner walls are provided such that the light scattered by particles is condensed in a state where the condensing angle of the condenser means is fully utilized.
- 10 2. A particle measuring apparatus comprising:  
the flow cell according to claim 1;  
a light source for irradiating sample fluid flowing through the flow cell to form the particle monitoring area; and  
an optical detecting and processing means for detecting and processing light  
15 scattered or diffracted by particles in the particle monitoring area.

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ART. 31, FIDT.